

Get a Babcock tester.
Chaff makes good litter.
Make the garden soil fine.
There is always a premium on choice products.

Hens are helping to lift a good many mortgages nowadays.
When grains are high silage makes a still more profitable feed.

Chaff piles from around the straw stack make good scratching litter.

Unfertilized eggs keep best, and salt is the best material to pack them in.

To have horses of endurance give the colts a chance to develop their muscles.

Too often when stock is fed for a certain market it is sold at a disadvantage.

With good care, good stock looks better, does better, and pays better than scrubs.

One of the most important things is to teach the colt to walk fast from the very start.

All colts should be handled with the biting-rig before attempting to harness or drive them.

Use the dish-water for fertilizing purposes, and give the pigs pure, clean water to drink.

Keep the hogs quiet, clean and comfortable if you expect the best gain from the food supplied.

No stock grower can afford to have his animals burn grain for fuel to keep themselves warm.

The cost of feeding an animal increases with its weight, but not in direct proportion to its weight.

Young chicks seemingly never do so well as when they have free range of the grass and are fed a variety of food.

Few crops respond more promptly to a thorough preparation of the soil than winter grain, and especially wheat.

Speed combined with grace, ease and endurance are the principal qualities sought in the action of the roadster.

In the home dairy there must be a sufficient number of cows to guarantee a certain amount of butter the year around.

Weaning the colts too soon is worse than any other treatment they may get. Let them run with the mare as long as they can.

The albumen in milk goes toward making eggs. That is why the layers crave milk and it is well to let them have all the surplus.

One of the implements that should have constant use on the farm is the lead pencil. The majority of men do far too little figuring.

One of the most important items in managing a fruit farm, and especially small fruits, is to prepare the soil in equal hills before planting.

In the properly equipped home dairy the amount and the quality of butter from a given amount of milk are far ahead of the creamery-made article.

A good many sudden deaths among older fowls may be laid to apoplexy, caused by too much over stimulating and fattening food like corn and Kaffir.

Economy on the dairy farm is of great importance but it isn't economy to handle the cows in any manner that will fall to get their full yield of butter-fat.

Have a light poultry house, admitting plenty of fresh air without producing direct drafts of air. The germs of most diseases cannot live in fresh air or very strong light.

Cows that have a habit of chewing old bones, wood or manure have a craving for mineral matter that may sometimes be satisfied by putting a handful of fine wood ashes in the feed twice a week.

Never breed young and immature stock, as both size and form will be injured, as in most cases the suckling qualities of the mothers are not fully developed and without a good flow of milk a good growth cannot be expected.

Horses relish Kaffir corn.
Give the hens animal food.
Ventilate the poultry house.
Cows must have fresh water.
The days of bonanza apple growing is past.
Corn fodder is hardly as good for horses as Kaffir corn.
Apple economy is only scientific management in the orchard.
No animal on the farm should suffer from hunger, thirst, or cold.

So far as can be done, select the largest and best sows for breeders.

Dry air, good feed and plenty of exercise are necessary for winter eggs.

Your horse may intend to please you, but does not understand your wishes.

Ground limestone and phosphate rock may be spread upon the soil at any time.

As a rule, hens that lay steadily during cold weather are indifferent hot weather layers.

To secure the very best fruit it is best to renew the strawberry bed every other year.

Winter eggs do not come by change. It takes planning and work to get them, but it pays.

One advantage with old grass as a mulching material, is that it doesn't contain weed seeds.

In growing cabbage successfully, farmers have found that the first requisite is good ground.

A few cents more per foot for ladders that weigh a few pounds less will save dollars in picking.

Vegetables are great stuff for the hens, especially when they can't get green feed in the fields.

Turkeys are good for the field. They can be driven anywhere you wish from one field to another.

Among the perennials which should have a place in every garden there ought to be room for asparagus.

Chaff about straw stacks makes good scratching litter and the sooner it is hauled up the better it will be.

A sow that is raised on concentrated food, without sufficient exercise will never make a profitable brood sow.

After Jack Frost has relieved you of the job of swatting flies it might be a good idea to take a few swats at the rats.

Get in your spring supplies and utensils—this includes the incubators and brooders, and what new stock you must purchase.

"Color has little to do with the real value of an animal." Nevertheless, color has a decided commercial value in many cases.

Turkeys always find ready sale and are almost clear profit. There is always a demand for them; the market is never glutted.

The soy bean, sometimes called "soya" or "soja" bean, is a legume resembling in its early growth the common field or navy bean.

The fancier who cares not for the egg or meat production of his birds and caters to the ornamental only has a small field of usefulness.

Visit the chicken house at night and note the quality of the air and the breathing of the birds. If the house is stifling it needs more air.

When fruit is cheap and plentiful in the market its value for home use is not by any means lessened. Once put in glass jars it is good for many years.

Raspberries produce good crops in the same soil for years, while strawberries produce their best crops the first year they come into full bearing.

Beware of the tree agents. They may be dishonest and sell uncertain goods. It is best in all cases to deal direct with strictly reliable nurseriesmen.

The garden plowed in late fall or winter can usually be prepared for planting a week or two earlier. Late plowing also is hard on insect pests wintering in the soil.

For laying fowls, milk furnishes the animal protein that is necessary. In this way it takes the place of beef scraps, which is a packing-house product and somewhat expensive.

Careful study of the conditions necessary for the growth and abundant yield of fruit-bearing trees has conclusively demonstrated that the soil in the orchard must be cultivated.

No poultry house is complete without an adjoining open-front scratch-shed. Here, during bad stormy weather or severe cold weather, the fowls may be confined and, if kept busy, will be happy, healthy, and what is more to the point, profitable.



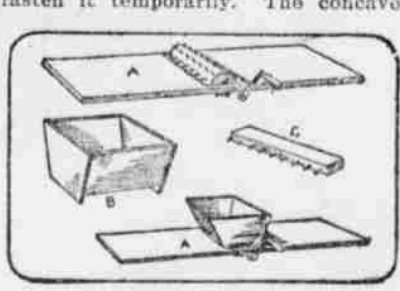
GRINDS ROOTS FOR POULTRY
Machine Intended Mainly for Chopping Cabbage Will Be Found of Convenience for Fowls.

The grinder is intended mainly for chopping cabbage when making sauerkraut, but it is also of much service in grinding vegetables and roots to be cooked for poultry, says the Popular Mechanics.

The base, A, is made of a plank, at least one foot wide and four feet long, with a nine and one-fourth by nine and one-half inch hole cut in the center. The grinding part, or cylinder, is made of wood three inches in diameter and nine inches long, with eight-penny nails, spaced three-sixteenths inches apart, driven partly into it and then cut off so as to leave one-fourth inch projecting. The cylinder is turned by means of a crank attached to the end of the shaft.

A hopper, B, is constructed four by nine and one-half inches inside measurement at the bottom and as large as necessary at the top. A space is provided at the bottom as shown to receive the concave C, which consists of a one-inch board, three to four inches wide and nine inches long, with nails driven in and cut off as described in the cylinder.

The hopper is securely fastened on the top of the baseboard and over the cylinder. The concave is slipped into place and held with wedges or by driving two nails in just far enough to fasten it temporarily. The concave



can be adjusted for grinding the different vegetable products, or replaced at any time with a new one. The ends of the base are supported on boxes, or legs may be provided if desired. When grinding cabbage, cut the heads into quarters and remove the hearts. Press the cabbage on the cylinder and turn the crank. Fine bits of cabbage, suitable for sauerkraut will be the result.

SUCCESS IN RAISING TURKEYS
First Consideration is Desirable Location and Suitable Range—Few Other Essentials.

What do I consider the most important essentials to be a successful turkey raiser? First important consideration desirable location and good range; next, sound, healthy fowls of standard breed to begin with, for no one can succeed without sound, healthy birds to start with. Third, careful feeding. Fourth, keep free from lice. Last, but not least, dry rooky coop so they can be kept out of sudden showers. These equipments, coupled with sound judgment and proper care of poult, should make anyone successful in raising turkeys, says a writer in an exchange.

The way I manage mine after years of experience, I gather the eggs daily, keep in a place neither too cool nor too hot; turn eggs every day. When the hen gets ready to set make a coop in some dry place, placing 15 or 16 eggs in nest; bring hen up late in evening, place on nest, keep fastened up two or three days, turn out so she can get something to eat and drink. Watch to see if she goes on same nest. When eggs hatch leave poult in nest 35 hours. Move hen and poult to large rooky coop enclosed in pen to keep anything from running over them. Dust hen and little ones with some good insect powder to kill lice.

Feed them egg bread first few days. Give them plenty of fresh water. When they are a few days old give them lettuce and onion tops chopped fine with bread crumbs. Also give them a little chicken feed consisting of grain, small seeds, grit and oyster shells. Keep fastened in coop until strong enough to keep up with hen; turn out in the morning, but see that they come home at night to roost. Sprinkle a little black pepper occasionally in their food, but be sure not to overfeed, as it brings trouble and disaster in its train.

Rules for Poultrymen.
It is urged that all farmers and poultrymen adhere strictly to the following rules in handling their poultry and eggs:
1. Keep the nests clean; provide one nest for every four hens.
2. Gather the eggs twice daily.
3. Keep the eggs in a cool, dry room or cellar.
4. Market the eggs at least twice a week.
5. Sell, kill or confine all male birds as soon as the hatching season is over.

Cleanliness is Profitable.
Cleanliness in the poultry pens puts many dollars into the pockets of the poultryman.

RHEUMATIC ADVICE
Prominent Doctor's Best Prescription Easily Mixed at Home.
"From your drugstore get one ounce of Toris compound (the original sealed package) and one ounce of syrup of Sassafras. Compound. Take them into a half pint of good whiskey. Shake the bottle and take a tablespoonful before each meal and at bedtime. This is said to be the quickest and best remedy known to the medical profession for rheumatism and backache. Good results come after the first dose. If your drugstore does not have Toris compound in stock he will get it for you in a few hours from his wholesale house. Don't be influenced to take a patent medicine instead of this. Insist on having the genuine Toris compound in the original one-ounce sealed yellow package. Hundreds of the worst cases were cured here by this prescription last winter. Published by the Globe Pharmaceutical Laboratories of Chicago."

IDEA ANNOYED OLD GOLDE
He Knew From Experience That College Education by No Means Unfitted Boy for Work.

"Woodrow Wilson naturally believes in a college education for boys and girls alike," said a banker at the Princeton club in New York.

"Mr. Wilson, lunching with me here, once said in his quaint way that the old idea about a college education unfitting a lad for work had quite died out."

"We no longer hear," he declared, "stories like that of Gobsa Golde."

"When Gobsa Golde's son Scattergood," he explained, "desired to go to Princeton, he said to the old man:

"Pater, is it true that boys who go to college are unfit for work afterward?"

"Of course it isn't true!" snorted the old man indignantly. "Why, I've got a Princeton graduate running my freight elevator, two of my best coal heavers are Harvard A. B.'s and a Yale S. B. is my star truck driver."

ETERNAL LAW OF CONTRARIES.



"Do you ever give your husband Christmas hints?"
"Of course I do."

"Do you? Why, the least hint makes my husband so mad!"
"Pooh! you don't know the combination. I tell my husband I don't want what I do want, and then I get it."

WHITE PIMPLES ON HEAD

Ransom, Ill.—"The trouble started on our baby when he was only about two weeks old. Started like little white pimples, looked like an old scab of blood and matter. His whole head was covered for a few months, then it went to his ear, shoulders, and his whole body. It seemed to come out thick and sticky on his head, while on the other parts of his body it was more like water coming out of the skin. He would scratch until the eruption would be all covered with blood and gradually spread. The least little stir or rub would cause the sores to bleed, spread and itch. Never had a full night's sleep, restless all night."

"The sores were horrid to look at. It lasted until he was about two and a half years old. Then we saw an eczema advertisement in the paper to use —, but it did no good. Then we used Cuticura Soap and Cuticura Ointment. We put the Cuticura Ointment on thick at bedtime and put a tight hood on so he could not scratch the sores. Then we washed it clean with Cuticura Soap and warm water twice a day, and he was completely cured." (Signed) Mrs. E. F. Sulzberger, Dec. 30, 1911.

Cuticura Soap and Ointment sold throughout the world. Sample of each free, with 32 p. Skin Book. Address post-card "Cuticura, Dept. L, Boston." Adv.

Just Because.
"Why was the beauty doctor so angry with Anna?"
"Because she told him she was coming to him to get a few wrinkles."

Almost Thrown Away.
"The fish I had from yesterday wasn't fit to eat. I was obliged to give it to my servants!"—London Opinion.

SHAKE INTO YOUR SHOES
Allen's Foot-Powder. Antiseptic powder for tired, aching, swollen, nervous feet. Gives rest and comfort. Makes walking a delight. Sold everywhere. 25c. Don't accept any substitute. For FREE sample address Allen S. Atwater, Le Roy, N. Y. Adv.

Many a girl fails to select the right husband because she's afraid of being left.

Mrs. Winslow's Soothing Syrup for Children teething, softens the gums, reduces inflammation, allays pain, cures wind colic, 25c a bottle.

It takes a practical fisherman to detect the lie in a fish story.

Death Lurks In A Weak Heart
If Yours is fluttering or weak, use "RENOVINE." Made by Van Vleet-Mansfield Drug Co., Memphis, Tenn. Price \$1.00

COULD STAND PLAYFUL DOG
Young Man Considerably Relieved When He Learned the Animal Was Not in Earnest.

"Have you seen papa's new dog, Carlo?" she asked as they sat in the parlor.
"Yes," he replied, uneasily. "I have had the pleasure of meeting the dog."

"Isn't he splendid? He is so affectionate."

"I noticed he was very demonstrative," returned he, as he moved uneasily in his chair.

"He is very playful, too. I never saw a more playful animal in all my life."

"I am so glad to hear you say that."

"Why?"
"Because I was a little afraid that when he bit that piece out of me the other evening he was in earnest. But if he was only in play, of course, it's all right. I can take fun as well as anybody."

THE FLYING AGE.

"How old is De Swift's youngest child?"
"It can't be more than a year old. It's just learning to fly."

She is a smart girl who can transform a yawn into a smile.

Have You a Disordered Stomach and Liver?

Do you start the day feeling that the whole world is against you? You cannot hope to "make good" under these circumstances. Nobody can. You must have a clear brain and every organ in perfect trim to do justice to yourself.

Dr. Pierce's Golden Medical Discovery

Will Bring Quick Relief
Dr. R. V. Pierce found years ago that a glyceric extract of Golden Seal and Oregon grape roots, queen's root and bloodroot with black cherry bark, would aid in the assimilation of the food in the stomach, correct liver ills and in nature's own way enrich the blood, tone the entire system and consequently help in the restoration of perfect health. Many who have used Dr. Pierce's Golden Medical Discovery testify that they have been restored to health when suffering from stomach and liver ills. Let this famous old medicine start today to lead you to health and strength.

Now—if you prefer—you can obtain Dr. Pierce's Favorite Prescription tablets of your druggist at \$1 per box, also in 50c size or send 50 one-cent stamps to R. V. Pierce, Buffalo, for a trial box.

You can learn all about hygiene, anatomy, medicine, etc., from the People's Common Sense Medical Adviser, by Dr. R. V. Pierce, a newly revised, up-to-date edition of which is now offered, in cloth covers, post-paid, for 31 cents in one-cent stamps, to cover cost of wrapping and mailing only. Address, Dr. Pierce's Invalids Hotel, Buffalo, N. Y.

Don't be poisoned by sluggish bowels. Dr. Pierce's Pleasant Pellets regulate and invigorate stomach, liver and bowels. Sugar coated, tiny granules.



"Ruth is engaged to be married the coming winter."

"The mischief she is! I intended to propose to that girl myself when I got time."

His Childish Wish.
Here is an excerpt from Paul West's "Just Boy" Letters, which reads like a clipping from the "Little Johnny" papers by Ambrose Bierce in the early volumes of the Argonaut: "I ask my father why ministers move so much and he said he guessed they were forced to on account of their nose. I wish my father was a minister."—San Francisco Argonaut.

No Sale.
Hubby had arrived home while wife slept and at the breakfast table there was a cold silence.

"A penny for your thoughts, my love," he ventured.

"For two cents I'd tell you what I think of you," she retorted, with a dangerous gleam in her eye.

He did not raise his lid.

About the only time a woman has nothing to say is when she has a chance to praise one of her rivals.

LEWIS' Single Binder cigar is smoked by more men who have been smoking 10c cigars than any other 5c cigar on the market. Adv.

Of Course.
"What did your lawyer say when you stated your purpose to him?"
"He said it was feasible."



TAKE FOLEY KIDNEY PILLS
For Backache Rheumatism Kidneys and Bladder
PARKER'S HAIR BALM
Pettit's Eye Salve
DEFIANCE STARCH
MONEY IN TRAPPING FURS

W. N. U., ST. LOUIS, MO. 5-1913.

Stops Backache

Sloan's Liniment is a splendid remedy for backache, stiff joints, rheumatism, neuralgia and sciatica. You don't need to rub it in—just laid on lightly it gives comfort and ease at once.

Best for Pain and Stiffness
MR. GEO. BUCHANAN, of Welch, Okla., writes:—"I have used your Liniment for the past ten years for pain in back and stiffness and find it the best Liniment I ever tried. I recommend it to anyone for pains of any kind."

Relieved Severe Pain in Shoulders
MR. J. UNDERWOOD, of 2000 Warren Ave., Chicago, Ill., writes:—"I am a piano polisher by occupation, and since last September have suffered with severe pain in both shoulders. I could not rest night or day. One of my friends told me about your Liniment. Three applications completely cured me and I will never be without it."

Price 25c., 50c., and \$1.00 at All Dealers.
Send for Sloan's free book on home.

Address
Dr. Earl S. Sloan,
Boston, Mass.

Death Lurks In A Weak Heart

If Yours is fluttering or weak, use "RENOVINE." Made by Van Vleet-Mansfield Drug Co., Memphis, Tenn. Price \$1.00